IMC-1

Log # 10-09
(for office use only)

WASHINGTON STATE BUILDING CODE COUNCIL

APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT TO THE WASHINGTON STATE BUILDING CODE

1. State Building Code to be Amended.

[ ] International Building Code
[ ] International Residential Code
[ ] ICC ANSI A117.1 Accessibility Code
[ ] International Fire Code
[ ] Uniform Plumbing Code
[ ] State Energy Code
[ ] Ventilation and Indoor Air Quality Code
[x] International Mechanical Code
[ ] International Fuel Gas Code
[ ] NFPA 54 National Fuel Gas Code
[ ] NFPA 58 Liquefied Petroleum Gas Code

Section: 2009 IMC Sections 202 & 501.2.1, #5 **Pages**: 12 & 37

2. Applicant: Lee J. Kranz

3. Signed: Lee J Kranz Plan Review 2/12/10

Proponent Title Date

4. Contact Person:

Lee J. Kranz
Name

Plan Review Supervisor
Title

Address: 450 110th Ave. NE
Bellevue, WA 98004

Phone: (425) 452-2732 **Fax:** (425)-452-7930

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FEB 17 2010
SBCC

5. Proposed Code Amendment (Underline all added words, strike through deleted words) Additional pages may be attached.

Code: 2009 IMC **Section**: 202 **Page:** 12

Amend section to read as follows:

ENVIRONMENTAL AIR. Air that is conveyed to or from occupied areas through ducts which are not part of the heating or air-conditioning system, such as ventilation for human usage, domestic kitchen range exhaust, bathroom exhaust, ~~and~~ domestic clothes dryer exhaust and parking garage exhaust.

Code: 2009 IMC **Section**: 501.2.1 **Page:** 37

Amend section to read as follows:

~~5. For enclosed parking garage exhaust system outlets and transformer vault exhaust system outlets: 10 feet (3048 mm) from property lines which separate one lot from another; 10 feet (3048 mm) from operable openings into buildings; 10 feet (3048 mm) above adjoining grade.~~

Renumber the remaining sections of 501.2.1.

6. Background information on amendment.
NOTE: State-wide and emergency state-wide amendments to the state building code should be based on one of the following criteria:

(1) The amendment is needed to address a critical life/safety need.
(2) The amendment is needed to address a specific state policy or statute.
(3) The amendment is needed for consistency with state or federal regulations.
(4) The amendment is needed to address a unique character of the state.
(5) The amendment corrects errors and omissions.

Reason statement:

At the 2012 I code hearings in Baltimore last November the ICC Mechanical Code Committee endorced proposal M2-09/10 to modify the definition of "Environmental Air" to include "parking garage exhaust" for the 2012 IMC (see documentation below). This code change clarifys that enclosed parking garage exhaust outlets may use the environmental air exhaust outlet setback provisions in Section 501.2.1, #3. To be consistant with the new provision in Section 202 of the 2012 IMC, "parking garage exhaust" should be added to the definition of "Environmental Air" and the state amendment language found in Section 501.2.1, item #5 should be deleted.

Recommendation from the ICC Mechanical Code Committee to modify the definition of "Environmental Air" to include "parking garage exhaust" for the 2012 IMC.

M2-09/10

Committee Action: Approved as Submitted

Committee Reason: The proposed text will end the confusion on how to classify exhaust air from a parking garage. Such air is often erroneously classified as product conveying air. The garage is an occupied space and the air in that space is accurately described by the definition of environmental air.

Assembly Action: None

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Economic Impact Worksheet
(Required for statewide amendment requests. Attach supporting documentation.)

Code References: IMC 202 & 501.2.1 Title: Environmental Air
Proponent: Lee Kvam Phone: 425-452-2732 Date: 2-12-10,

Part I ❖ Amendment Benefit:

PROBLEM(S) ADDRESSED: Consistency w/ Section 202 & 501.2.1 of the 2012 IMC for "Environmental Air".

PRIMARY REASON FOR AMENDMENT: (check one only)

- ☐ Protect public health, safety and welfare
- ☒ Reduce cost
- ☐ "Manage risk" for government
- ☐ Mandate from legislation or courts
- ☒ Code change
- ☐ Other _____

TYPE OF BENEFITS PROJECTED: (check all that apply)

- ☐ Saves lives/reduces injuries
- ☐ Protects/improves long-term health
- Reduces construction cost:
  - ☐ Over existing code requirement
  - ☐ Canceling new code requirement
  - ☐ Off-setting new code requirement
- ☐ Increases construction alternatives
- ☐ Saves energy
- ☐ Protects environment
- ☐ Increases accessibility
- ☐ Reduces regulation
- ☐ Reduces government enforcement cost
- ☒ Clarifies/improves existing code
- ☐ Protects property loss/damage
- ☐ Other _____

Part II ❖ Amendment Impacts:

TYPES OF CONSTRUCTION: ☒ New Construction ☒ Remodeling/Tenant Improvement/Repair

COMPLETE TABLE FOR EACH BUILDING TYPE CHECKED (See reverse for instruction on items [a] through [e])

√	Building Type	Construction[a] 1st Cost		Enforcement[b]		Owner[c] Ongoing		Other		Supporting data attached
	Residential	C/S[d]	Degree[e]	C/S[d]	Degree[e]	C/S[d]	Degree[e]	C/S[d]	Degree[e]	✓
	Single family	NA	NA	NA	NA	NA	NA	NA	NA	
	Multi-family	—	1	—	1	—	1	—	1	
	Commercial/Retail	—	1	—	1	—	1	—	1	
	Industrial	—	1	—	1	—	1	—	1	
	Government/Utilities	—	1	—	1	—	1	—	1	
	Other:									

OTHER EFFECTS:

Evaluate by number scale 0-3 (0=none, 3=significant)

- 0 Likelihood for litigation
- 0 Decrease public cooperation
- 0 Disadvantage small business
- ___ Other _____

Evaluate by letter code
(Spec, Custom, Factory, Remodel, Manufact., Other, NA)

- NA Advantage one industry
- NA Disadvantage one industry

Part III ❖ Comments and Recommendations:

Evaluate each by number scale 0-3 (0=none, 3=significant)

- 0 Difficulty to Enforce
- 0 Costs exceed Benefits
- 0 C/S Confidence level
- 2 Cost of not adopting amendment
- 0 Degree of TAG controversy

Evaluate Yes or No (circle one)

- (Y) / N Were alternative solutions considered
- (Y) / N Recommend further benefit/impact analysis
- (Y) / N Recommend future benefit/impact review